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62,27

MICHAEL SEED STORE

— The Great White Front —

1937



"Brightest Pearl on Pearl Street"

The HOME of GOOD SEEDS Bulbs, Plants and Nursery Stock

Farmer's Home And Rest — Warm Stove — Easy Chair
Established Forty Years Ago

A FRIENDLY TIP: Plant a home garden this spring. A healthful exercise and a swat at the **High Cost of Living**. The city man, the suburbanite and the farmer too. Any farmer can save \$500.00 a year with a good home garden.

CATALOG: In handing you our new **Economy** edition semi-descriptive catalog we wish to express our thanks and appreciation and good will in days gone by.

Quickest seed catalog ever printed.

Disclaimer: While we exercise the greatest care to have all seeds pure and reliable, it is positively understood we sell no seeds, plants, bulbs or nursery stock with any warranty expressed or implied in any respect and will not be in any way responsible for the crop.

316 Pearl Street -:- Phone 88666
SIoux CITY - - - - - IOWA



HOW to make a lawn

In preparing a seed bed so as to insure an everlasting lawn, it is well that the earth be stirred deeper than merely scratching the surface, either with a good stirring plow or spade to the depth of a foot or 15 inches, or even more. This is the first step to be taken, and the next consideration is the fertility of the soil where you are making the lawn. Among the various methods which increase the fertility of the soil we find that **Humus** plays a most important part. The very best time to do the work of preparing the soil for a lawn is in the autumn season and then left for the winter. The soil is solidified by the winter condition. Then in the spring the surface should be slightly stirred and the seed sown, well raked and rolled. When the summer is over and the winter comes on again, the lawn needs attention, and it is a wise plan after the ground is slightly frozen to cover it with a moderate coat of well rotted manure. In the springtime before the growth of grass has started, this coat of manure should be well raked in the soil, and the roughage raked off, giving the grass a chance to get plenty of sunlight. Should, however, this be overlooked in the autumn, then in the springtime again it is well to apply a moderate amount of sheep manure, phosphate or ground bone fertilizer, well raked into the soil just as soon as is possible and at such time it is well to apply a sprinkle of our blend of **Reseeding Lawn grass seed**.

These suggestions in regard to the making of a lawn will well repay the time and expense by the increased growth of grass.

PARCEL POST RATES

	Zones	1st	2nd	3rd	4th
Weights	Local	50 Miles	150 Miles	300 Miles	600 Miles
1 lb.	.07	.08	.08	.09	.10
2 "	.08	.10	.10	.11	.14
3 "	.08	.11	.11	.13	.17
4 "	.09	.12	.12	.15	.21
5 "	.09	.13	.13	.17	.24
6 "	.10	.14	.14	.19	.28
7 "	.10	.15	.15	.21	.31
8 "	.11	.16	.16	.23	.35
9 "	.11	.17	.17	.25	.38
10 "	.12	.18	.18	.27	.42
15 "	.14	.24	.24	.37	.59

LAWN GRASS SEED

One pound **Superfine** Blue Grass will seed 300 square feet.

Blue Grass Seed, Michael's 30 lb. **Superfine**, Lawn Culture..40c per lb.

Blue Grass Seed, 25 lbs. **Fancy Fine**, Lawn Culture.....35c per lb.

Blue Grass Seed, **Trivialis** Shady Nook places40c per lb.

White Clover, Lawn use40c per lb.

Magic Lawn Grass Seed, Superfine Blend Grass Seeds.....35c per lb.

Reseeding Lawn Grass Seed, Superfine Blend Grass Seeds....35c per lb.

Deep Rooted Lawn Grass Seed for **Terraces**.....25c per lb.

Creeping Bent Grass Seed, Oregon Grown Astoria.....\$1.00 per lb.

Rye Grass Seed, Michael's **Short Seeded**, Lawn Culture.....25c per lb.

Stimulant as well as humus fertilizer

Sheepo humus fertilizer — 5c per lb., 6 lbs. 25c; \$2.00 per 100 lbs.

Miko, Michael's own, humus fertilizer — 3 lbs. 25c; \$3.00 per 100 lbs.

THE MICHAEL SEED STORE

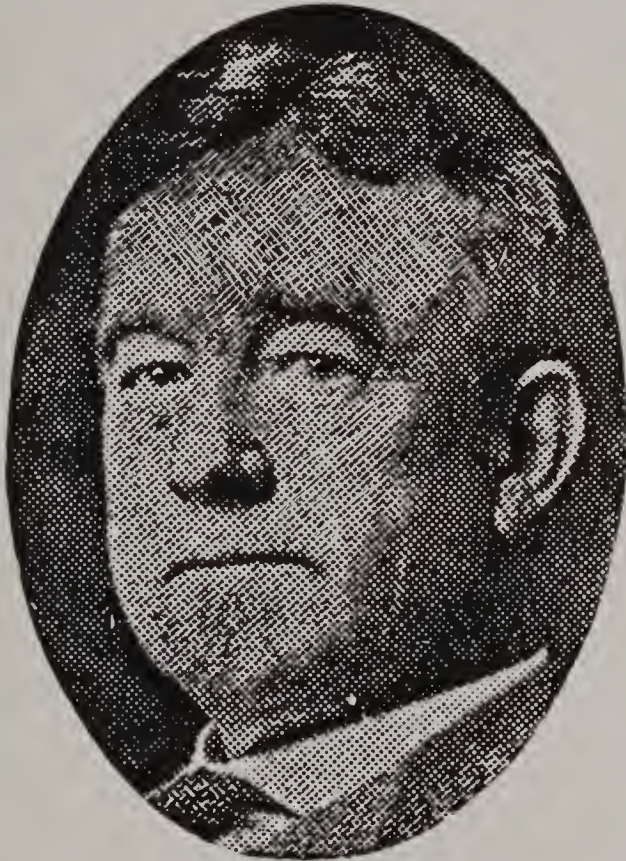
316 Pearl St., Sioux City, Ia.

Phone 88666



Former Century 1896 Piccadilly Period

Born in Virginia. As a young man, took Horace Greeley's advice to heart, and migrated West in 1880. Came to Sioux City in 1884. With others here he helped to found and establish a seed business at Sioux City. Now last of the four that were then. That business today still a flourishing institution with ideals based on **purity, vitality and perfection**; promises to grow greater in the years to come.



AS IS TODAY

Well known seedsman, still doing business at the old stand founded forty years ago. Selling today the grandchildren of those who bought seed from him forty years ago.

J. B. Michael

Michael Seed Store

316 Pearl Street SIOUX CITY, IOWA Phone 88666

The Michael Seed Store

Phone 88666

J. S. MICHAEL, Prop.

316 Pearl St., SIOUX CITY, IOWA

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VEGETABLE SEEDS

for the Home Garden

BEANS, PEAS and SWEET CORN our own crop.
Our special strains. First and Best Seed.

Special Prices in Quantity

BEANS	PRICES—Bulk Seed		
	¼ lb.	1 lb.	25 lb.
Golden Wax	\$0.10	\$0.20	\$3.75
Black Wax .....	.10	.20	3.75
Sioux Wax, Ace O'Beans .....	.10	.25	4.00
Kidney Wax .....	.10	.20	3.75
Davis Wax .....	.10	.20	3.75
Purple Wax .....	.10	.20	3.75
Green Pod, Burpee .....	.10	.20	3.25
Red Valentine .....	.10	.20	3.25
Dwarf Lima, Burpee .....	.10	.25	
Henderson Lima .....	.10	.25	
Ky. Wonder .....	.10	.25	

PEAS	PRICES—Bulk Seed		
	¼ lb.	1 lb.	25 lb.
Alaska, Earliest	\$0.10	\$0.20	\$3.25
Michael's Early June .....	.10	.20	3.50
Little Gem, Early Wrinkled ....	.10	.20	3.75
Little Marvel, Ey. Wrinkled....	.15	.25	5.00
American Wonder, Wrinkled ..	.10	.25	4.00
Potlatch, Large Pod, 2nd Ey....	.10	.20	3.75
Telephone, Large Pod .....	.10	.25	3.75
Champion of England, late .....	.10	.20	3.50
Edible, eat pods and peas .....	.10	.25	

TABLE BEETS	PRICES—Bulk Seed		
	1 Oz.	¼ lb.	1 lb.
Early Wonder, Best Early	\$0.10	\$0.20	\$0.60
Early Egyptian, Good Early ....	.10	.20	.60
Crosby's Improved Egyptian....	.10	.20	.60
Detroit Dark Red, Early .....	.10	.20	.60
Half Long, Blood Red .....	.10	.25	.75
Swiss Chard, for Greens .....	.10	.20	.60

MANGEL WURZEL	PRICES—Bulk Seed	
	1 lb.	10 lb.
Half Sugar Mangel	\$0.35	\$3.00
Long Red Mammoth Mangel .....	.35	3.00
Golden Tankard, Yellow Mangel .....	.35	3.00
White French, Sugar Sweet Cattle Beet	.35	3.00

CABBAGE	PRICES—Bulk Seed		
	½ Oz.	Oz.	1 lb.
COPENHAGEN, Wilt Resistant Strain	\$0.10	\$0.15	\$1.75
Golden Acre .....	.10	.20	2.00
Early Wakefield .....	.10	.15	1.50
Early Flat Dutch .....	.10	.15	1.50
Danish Balhead .....	.10	.15	2.00
Late Flat Dutch .....	.10	.15	1.50
Red Dutch .....	.10	.15	

Tender Gold HYBRID SWEET CORN

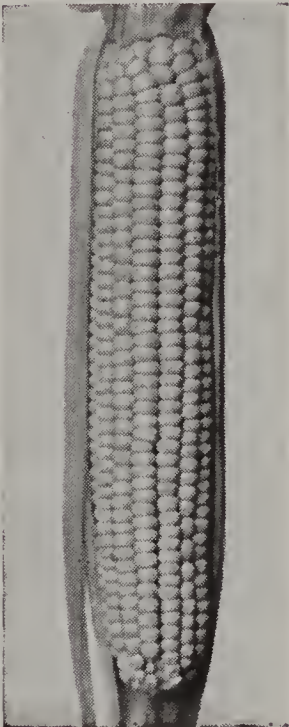
Golden Cross



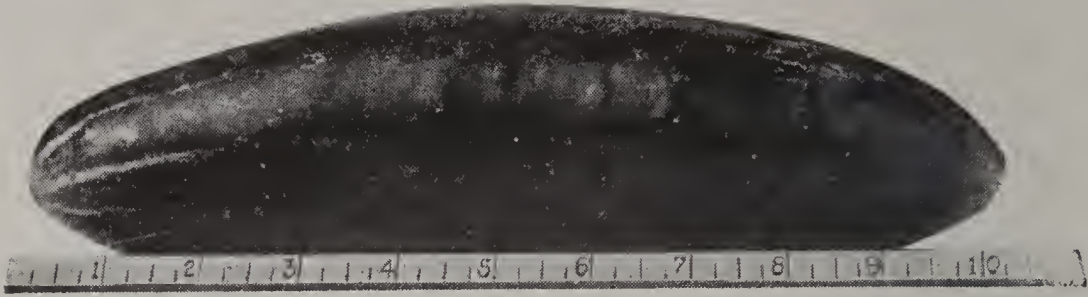
Results of many years experimental work. Distinct advantage over other varieties of yellow sweet corn. The results of our own experimental work at Ames.

	PRICES—Bulk Seed		
	½ lb.	1 lb.	20 lb.

TENDER GOLD, Earliest Bantam Hybrid — 12 Row			
Golden Bantam—8 Rows .....	.20	.35	5.00
GOLDEN CROSS, Early, Bant. Hybrid			
Sunshine, Early Golden .....	.10	.15	3.00
Golden Giant .....	.10	.15	3.00
Country Gentlemen.. ..	.10	.15	3.00
STOWELL'S EVERGREEN	1.0	.15	3.00



Telephone Pea



Cucumber, Long Green

CUCUMBERS

	PRICES—Bulk Seed		
	Oz.	½ lb.	1 lb.
White Spine, for home garden	\$0.10	\$0.60	\$1.00
Davis Perfect, green slicing .....	.10	.60	1.00
Freeman's Wonder, early wilt resistant .....	.15	1.00	1.50
Early Frame, Perfect pickling .....	.10	.60	1.00
Boston Pickling .....	.10	.60	1.00
Long Green, home garden variety .....	.10	.60	1.00

CARROTS

	Oz.	½ lb.	1 lb.
Early Horn, Extra Early	\$0.10	\$0.40	\$0.75
Oxheart, Early Short .....	.10	.40	.75
Danvers, Half Long .....	.10	.45	.75
Chantenay, Half Long .....	.10	.45	.75
Yellow Belgian Stock Carrot	1 lb. 60c; 5 lbs.		\$2.50

CAULIFLOWER

	Pkt.	¼ oz.	1 oz.
Early Snowball	\$0.10	\$0.35	\$1.00
Danish Giant .....	.10	.40	1.50

CELERY

	½ oz.	Oz.	1 lb.
White Plume, Early	\$0.10	\$0.20	\$2.00
Golden Self Blanching .....	.10	.20	2.25
Celeriac, Root Crop Only .....	.10	.20	

EGG PLANT

	½ oz.	1 oz.
New York Purple	\$0.20	\$0.35
Black Beauty .....	.20	.35

LETTUCE

	Oz.	¼ lb.	1 lb.
Black Seeded Simpson, Early Leaf Lettuce	\$0.10	\$0.25	\$0.75
Grand Rapids, Early Crinkle Leaf .....	.10	.25	.75
Prize Head, Early Reddish Leaf .....	.10	.25	.75
Iceberg, Early, Heading Variety .....	.10	.25	.75
New York, Popular Heading Variety .....	.10	.35	1.00

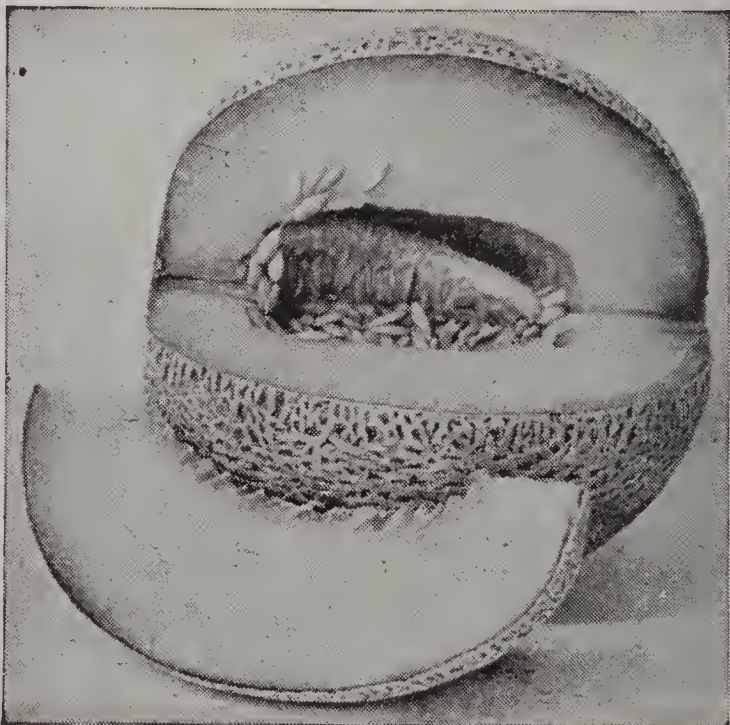
MUSKMELON SEED

Our melons, both muskmelon and watermelon seeds are saved from select specimens of melons.

	Oz.	¼ lb.	1 lb.
Hearts of Gold, Salmon Flesh	\$0.10	\$0.25	\$0.75
Honey Ball, Small Green Flesh .....	.10	.30	.90
Hale's Best, Early, Rich Salmon Flesh .....	.10	.25	.75
Honey Dew, Green Flesh, Extra Sweet .....	.10	.30	.90
Rocky Ford, Popular Green Meated .....	.10	.25	.75
Hackensack, Earliest Green Flesh .....	.10	.25	.75
Milwaukee Market, Large Salmon Flesh .....	.10	.25	.75
Emerald Gem, Early, Delicate Salmon Pink .....	.10	.25	.75
"Hoodoo", Popular Yellow Meated .....	.10	.25	.75
Jumbo Giant, Largest of Muskmelons .....	.10	.35	1.00

Milwaukee Market. Large melons. Average 8 in. in diameter. Thick salmon flesh, sweet and delicious. Good shipper.

MUSKMELON
Milwaukee Market



Very large melon. 8 in. diameter. Thick salmon flesh. Good shipper.



Dixie Bell Watermelon
Special Prices in Quantity

WATERMELON SEED	PRICES—Bulk Seed		
	Oz.	¼ lb.	1 lb.
Dixie Bell, Extra Large, Very Early	\$0.10	\$0.25	\$0.60
Dixie Bell, in 1 lb. Sealed Bags Only			1.00
Cole's Early, Earliest Round Melon .....	.10	.20	.50
Kleckey's Sweet. Dark Green, Red Flesh .....	.10	.20	.50
Irish Gray, Grayish Green, Red Flesh .....	.10	.20	.50
Rattlesnake, Light Striped, White Seed .....	.10	.20	.50
Sweetheart, Light Green, Red Flesh .....	.10	.20	.50
Tom Watson, Long Green, Rich Red Flesh .....	.10	.20	.50
Golden Heart, Yellow Flesh Variety .....	.10	.25	.75
Citron, Red Seeded for preserves .....	.10	.25	.75

ONION SEED	PRICES—Bulk Seed		
	½ oz.	Oz.	1 lb.
Red Globe, Best Keeper	\$0.10	\$0.15	\$1.50
White Globe, Good Keeper .....	.15	.25	2.50
Red Weathersfield, Good Keeper .....	.10	.15	1.50
Valencia, Large Yellow Skin .....	.15	.25	2.00
Yellow Danvers, Good Keeper .....	.10	.15	2.25
Prizetaker, Large Yellow .....	.10	.15	2.50
Silver Skin, Best of Whites .....	.15	.25	2.75
Bartletta, Small Pickling Onion .....	.15	.25	2.50

RADISH SEED	PRICES—Bulk Seed		
	Oz.	½ lb.	1 lb.
Scarlet Turnip	\$0.10	\$0.30	\$0.50
Perfect White Tip .....	.10	.30	.50
Icicle, Long White .....	.10	.30	.50
Scarlet Globe, Round Red .....	.10	.30	.50
French Breakfast .....	.10	.30	.50
Crimson Giant, 2nd Early .....	.10	.35	.60
Rose China Winter .....	.10	.35	.65

Special Prices in Quantity

PEPPER	½ oz.	1 oz.	1 lb.
Bull Nose	\$0.15	\$0.25	\$2.00
Chinese Giant .....	.20	.35	3.50
Ruby King .....	.15	.25	2.00
Pimento .....	.15	.25	2.00
Cayenne .....	.15	.25	2.50

ONION SETS

Prices Subject to Market Changes
Bottom Sets are raised from seed.
By parcel post, first pound 8c, each additional pound 6c extra.

	1 lb.	32 lb.
Yelloy Bottom	\$0.15	Ask
White Bottom .....	.15	Ask
Red Bottom .....	.15	Ask
Perennial Top Sets (28 lbs. Bu.)	.10	
Chives, Perennial	Per Clump	.15
Garlic Bulbs	Per Pound	.25

Onion Plants, see page 14

MUSHROOM SPAWN

Inoculated manure bricks25c each
Inoculated mold, per quart90c
Mushroom culture descriptive bulletin free.



Scarlet Globe Radish



Bison Best Early Tomato

TOMATO SEED**PRICES—Bulk Seed**

	½ Oz.	¼ lb.	1 lb.
Break O Day. New wilt resistant, red variety	\$0.15	\$1.00	\$3.50
Bison. Best extra early red tomato, very earliest ....	.20	1.25	4.50
Bonny Best. Very early smooth fruit .....	.15	.75	2.00
Crimson Cushion. Large beefsteak variety .....	.15	1.00	3.50
Dwarf Champion. Dwarf habit, tree like, purple fruit ..	.15	1.00	3.00
Earliana. One of the earliest red tomatoes .....	.15	.75	2.50
Marglobe. Second early, red variety, canners favorite ..	.20	1.00	2.50
New Stone. Best Type of large red smooth fruit ....	.10	.65	2.50
Ponderosa. Popular large fruit, red variety.....	.20	1.50	4.50
Yellow Pear. Small pear shape fruit .....	.20	1.50	

Plants—See Page 14

PARSNIP

	Oz.	¼ lb.	1 lb.
Hallow Crown	\$0.10	\$0.25	\$0.50

PARSLEY

	Pkt.	Oz.
Moss Curled	\$0.05	\$0.10
Hamburg, Root Parsley .....	.05	.10

SALSIFY

	Pkt.	Oz.
Mommoth Variety	\$0.05	\$0.15

SPINACH

	Oz.	¼ lb.	1 lb.
Long Standing	(10 lbs. \$2.50)	0.10	\$0.20
New Zealand .....	.10	.20	.50

PUMPKIN

	Oz.	¼ lb.	1 lb.
Sweet Sugar, Small yellow pie variety	\$0.10	\$0.25	\$0.75
Quaker Pie, A very excellent pie variety .....	.10	.25	.75
Connecticut Field, Planted with corn ....(5 lbs. \$1.25)	.05	.15	.35

SQUASH

	Oz.	¼ lb.	1 lb.
Warty Hubbard, Large dark green-shell warty....	\$0.10	\$0.25	\$1.00
Table Queen, Small acorn shape, flesh rich yellow..	.10	.25	1.00
Mommoth Chili, Large variety for fairs and shows..	.10	.35	1.00
White Bush, Patty Pan, creamy white flesh .....	.10	.35	1.00
Summer Crookneck, Yellow Summer Crookneck....	.10	.30	1.00

TURNIPS

	Oz.	¼ lb.	1 lb.
White Milan, Extra Early Variety	\$0.10	\$0.25	\$0.60
Purple Milan, Extra Early Variety .....	.10	.20	.60
Purple Top, Strap Leaf, Flat Variety .....	.10	.20	.50
White Globe, Purple Top for field culture .....	.10	.20	.50

RUTABAGA

	Oz.	½ lb.	1 lb.
American Purple Top	\$0.10	\$0.30	\$0.50

Miscellaneous VEGETABLES

ASPARAGUS

	Oz.
Washington, Rust	\$0.10
Resistant .....	.10
Mommoth White .....	.10

Asparagus Roots—See Page 14

BROCCOLI

	Pkt.	½ oz.
White Vienna	\$0.10	\$0.15
Purple Vienna10	.15

BRUSSELS SPROUTS

	Pkt.	½ oz.
Half Dwarf	\$0.10	\$0.15

ENDIVE

Per Ounce	\$0.10
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KALE

	Pkt.	Oz.
Dwarf German	\$0.05	\$0.10
Curled Scotch05	.10

KOHL RABI

	Pkt.	½ oz.
White	\$0.05	\$0.10
Purple .....	.05	.10

LEEK

	Pkt.	Oz.
London Flag	\$0.05	\$0.20

OKRA or GUMBO

	Pkt.	¼ lb.
Early Dwarf, Green	\$0.10	\$0.25
White Velvet .....	.10	.25

RHUBARB SEED

	Pkt.	¼ lb.
Red Flare	\$0.10	\$0.75

SWEET HERBS

	Pkt.	½ oz.
Dill (Annual)	\$0.05	\$0.10
Marjoran (Perennial) .....	.10	.20
Sage (Perennial) .....	.10	.15
Savoy Perennial) ....	.10	.25
Thyme (Perennial) ..	.10	.25



American Aster



Double Nasturtium

FLOWER SEEDS

ZINNIAS, PETUNIAS, NASTURTIUMS, SWEET PEAS, ASTERS, PANSIES and MARIGOLDS according to our data of sales are the most used flower seeds. More of these varieties planted than most any other kind of flower seeds. Our selections listed here are of the best varieties of these kinds. The latest improved by cross fertilization known-grown by specialists in flower seed growing. Especially do we recommend our **Dahlia Type** of Zinnias. Blooms in June until frost.

ASTERS (Giant Branching)	PRICES—Bulk Seed		
	Pkt. $\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	1 lb.
Crimson, Wilt Resistant	\$0.10	\$0.15	\$0.25
Purple, Wilt Resistant .....	.10	.15	.25
White, Wilt Resistant .....	.10	.15	.25
Giant Mixed, all colors, Wilt Resistant .....	.10	.15	.25
Early Beauty, all colors, Wilt Resistant .....	.10	.15	.25
American Beauty, all colors, Wilt Resistant .....	.10	.15	.25
New Creation, reddest red, Wilt Resistant .....	.10	.15	.25

NASTURTIUMS			
	$\frac{1}{2}$ oz.	1 oz.	1 lb.
King Theo, dwarf, dark foliage	\$0.05	\$0.10	\$0.75
King Theo, tall, dark foliage .....	.05	.10	.60
Dwarf, mixed colors .....	.05	.10	.60
Tall Mixed colors .....	.05	.10	.60
Golden Gleam, double fragrant flower .....	.15	.25	2.50
Scarlet Gleam, double fragrant flower		$\frac{1}{16}$ oz.	\$0.20

PANSIES			
	Pkt. $\frac{1}{16}$ oz.	$\frac{1}{4}$ oz.	1 oz.
Michael's Colossal, largest flowers, all colors.....	\$0.10	\$1.00	\$3.00
Swiss Giant, improved variety colors .....	.10	1.50	5.00
DeLuxe, mixture, all variety of giants mixed .....	.10	1.50	5.00
Masterpiece, fluted petals, mixed colors .....	.10	1.00	3.50

PETUNIAS—Petunia Hybrida, 20 Inches			
	Pkt. $\frac{1}{16}$ oz.	$\frac{1}{4}$ oz.	1 lb.
General Dodd, blood red	\$0.10	\$0.15	\$0.25
Howard's Star, improved, purple and white .....	.10	.20	.40
Cockatoo, violet with white spots .....	.10	.15	.35
Rose King, rich rose .....	.10	.15	.25
Baby Blue .....	.10	.15	.25
White, snow white .....	.10	.15	.25
Balcony, mixed .....	.10	.25	1.00
Michael's 4 Cross, blend .....	.10	.15	.25

PETUNIA HYBRIDA (Dwarf 8 Inches)			
	Pkt. $\frac{1}{16}$ oz.	$\frac{1}{4}$ oz.	1 lb.
Purple, white spots	\$0.10	\$0.25	\$0.75
Rose of Heaven .....	.10	.20	.35
Rosy Morn .....	.10	.25	.75
Violacea, deep violet .....	.10	.20	.50
Nana Erecto, mixed colors .....	.05	.15	.35

PETUNIA GRANDIFLORA
All Double mixed. 100 Seeds .50
Our all double **triumphant** petunia seed produces hundred percent double flowering plants.

PETUNIA NANA COMPACTA
Martha Washington — (New petunia) Flowers ruffled and frilled. Plants 9 In. high forming **ball** affect, literally **smothered** with blooms, June till November. PricePkt. 25c, $\frac{1}{16}$ oz. \$1.50



Petunia Hybrida



Giant Zinnia



Sweet Peas

SWEET PEAS (Spencer Type)	½ oz.	1 oz.	1 lb.
Apple Blossom	\$0.10	\$0.20	\$1.50
Blanche Ferry, pink .....	.10	.20	1.50
Etta Dyke, white .....	.10	.20	1.50
King Edward, red .....	.10	.20	1.50
Marion, Salmon Pink .....	.10	.20	1.75
President, orange .....	.10	.20	1.25
Michael's DeLuxe mixture.....	.10	.15	1.25

ZINNIA (California Giants)	Pkt.	¼ oz.	1 lb.
Brightness, bright pink	\$0.10	\$0.20	\$0.75
Golden Queen, yellow .....	.10	.20	.75
Grenadier, bright dark red .....	.10	.20	.75
Orange King, orange scarlet .....	.10	.20	.75
Purity, best white Zinnia .....	.10	.25	.75
Lilliput, Pompom, finest mixture .....	.05	.15	.50

ZINNIA (Dahlia Type)			
Exquisite, deep rose center	\$0.10	\$0.25	\$0.75
Crimson Monarch, deep crimson .....	.10	.25	.75
Meteor, darkest of all reds .....	.10	.25	.75
Oriole, golden bicolor .....	.10	.25	.75
Golden State, yellow orange .....	.10	.25	.75
Michael's 4 Cross, blend, unexcelled .....	.10	.25	.75

MARIGOLD	Pkt.	⅓ oz.	¼ oz.
Gigantea, Sunset Giants, Fragrant .....	.15	.50	1.00
Guinea Gold, double ruffled flowers .....	.10	.15	.25
Double Monarch, dwarf mixed shades .....	.10	.15	.25
Double Tall Finest Mixed .....	.05	.10	.15

Marigold and Zinnia
Marigolds and Zinnias bloom
longer in season, and as cut
flowers in a vase last longer in
bloom than any other combina-
tion of cut flowers.



Marigold—Gigantea, Gold

In Combination
Plant in a row, two red zinnias,
one Prince Orange marigold, 18
in. apart. Gives when bloom-
ing the beautiful effect of the
scarlet and the golden.

AMERICAN BERRY BOXES — COMMERCIAL BASKETS

For Cherries, Raspberries, Strawberries and other berries. **Pint** size, per 100, **85c**; per 500, **\$3.75**; per 1000, **\$7.50**. **Quart** size, per 100, **90c**; per 500, **\$4.00**; per 1000, **\$7.50**. **Crates**, 24 qt. size, each **15c**.
Grape Baskets, 8 qt., per doz., **60c**; per 100, **\$5.00**. Drop Handle Baskets ½ Bu., per doz., **90c**; per 100, **\$7.00**; 1 Bu. Baskets, per doz. **\$1.25**. Repacking Baskets, per 100, **\$2.00**; per 1000, **\$15.00**.

PLANT MARKERS

A metal plant marker will last lifetime. Price, doz., **40c**; per 100, **\$3.00**.
Bamboo Stakes 15c Doz.; 100, **75c**



Alyssum



Portulaca

FLOWER SEEDS (Alphabetical Order)

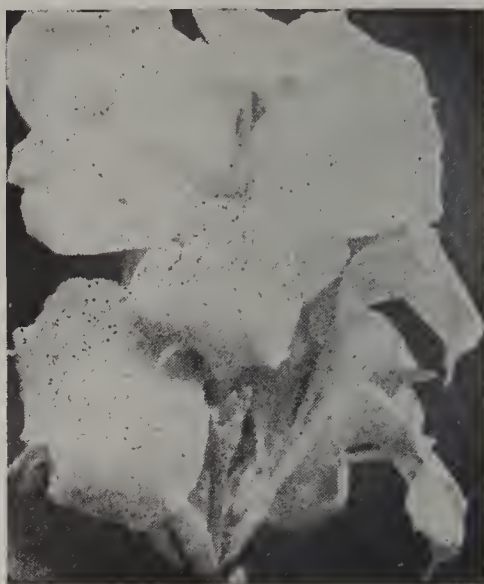
	Pkt.	¹ / ₁₆ oz.	Oz.
Alyssum , Procumbens, Compact Form, Carpet of Snow	\$0.05	\$0.10	\$0.35
Antirrhinum (Snap Dragons) Majus Grandiflorum ....	.10	.15	1.00
Bachelor Buttons, (Centaurea) Mixed Colors .....	.05	.10	.25
Balsam, Double Camellia Flowered, Mixed .....	.05	.10	.25
Beans (Scarlet Runner) Beautiful Red Flowers .....	.05	.10	.15
Calendula , Ball's Golden, Improved Glorified .....	.10	.15	.75
Calendula, Chrysantha Sunshine, New Type .....	.10	.15	.75
Caliopsis, Hybrida Superba, New Shades, Mixed .....	.05	.10	.25
Candytuff, (Iberis) Hyacinth Flowered Strain, Mixed..	.10	.25	.75
Carnation, Double Flowering, Chabaud's Giant Mixed ..	.10	.25	1.50
Castor Beans, Ricinus, Zanzibariensis Enormis .....	.05	.10	.15
Celosia , (Coxcomb) Childsii, Chinese Wool Flower .....	.10	.25	1.00
Celosia, (Coxcomb) Empress, Bright Crimson .....	.10	.35	1.25
Clarkia, Elegans, Special, Double Mixed .....	.05	.10	.25
Cosmos, True Early Mommoth Single Mixed .....	.05	.10	.25
Cosmos, Extra Early, Double, Crested, Mixed .....	.10	.25	1.00
Cosmos , Hybrida, Early Klondyke , Orange Flare .....	.10	.15	.75
Cypress Vine, Attractive Scarlet Fine Foliage .....	.05	.10	.30
Datura, (Angel's Trumpet), Extra Large Flowering....	.05	.15	.60
Forget-Me-Not, (Myosotis), Star of Love, Very Dwarf	.15	.50	
Forget-Me-Not (Myosotis) Blue Flowering .....	.05	.10	.50
Four-O-Clock (Marvel of Peru) Mixed Colors .....	.05	.10	.20
Helichrysum (Straw Flower) Everlasting , Double .....	.10	.15	.50
Ipomea (Moon Flower) Rapid, Nocturnal, White .....	.05	.25	.25
Ipomea (Moon Flower) Heavenly Blue .....	.10	.15	.75
Larkspur, Annual, Giant Imperial, Base Branching ....	.10	.25	.75
Lobelia, Dark Blue Border Plant .....	.05	.15	.75
Morning Birde (Scabiosa) Cushion Flowering, Feathery	.10	.15	.40
Morning Glory , Clark's Big Blue , Giant Climber.....	.10	.25	1.25
Pinks (Dianthus) Chinese Double Mixed .....	.10	.25	.50
Poppy Rhoegas, Scarlet, " Flanders Poppy " " The Legion "	.05	.15	.50
Poppy, California Mommoth, Many Kinds, Mixed ....	.10	.15	.50
Portulacea, (Rose Moss) Single Large Flowering .....	.05	.15	.75
Portulacea (Rose Moss) Double Large Flowering, Mixed	.10	.25	1.50
Phlox Drummondii, Annual, Large Flowering, Mixed..	.10	.15	1.25
Salpiglosis (Painted Tongue) Large Flowering, Mixed	.10	.15	.75
Salvia Splendens (Scarlet Sage) Fire Cracker Plant ....	.10	.15	1.25
Stocks, Dwarf German, Double Flowering, Mixed ....	.10	.15	1.00
Summer Cypress, Climbing Vine, Profuse Red Bloomer	.05	.10	.25
Sweet William (Silene Orient) — From June to October	.05	.10	.25
Verbena, Hybrida, Best Mixture .....	.05	.10	.60

PERENNIAL FLOWER SEEDS

	Pkt.	¹ / ₁₆ oz.
Aquilegia (Columbine), single mixed	\$0.10	\$0.25
Armeria Formosa, Large Flowering Hybrid .....	.10	.25
Aquilegia (Columbine), double mixed .....	.10	.25
Aster, Wild, Blue and Violet mixed .....	.05	.15
Campanula (Canterbury Bells) .....	.10	.25
Carnation, gernadin double mixed .....	.10	.25
Candytuft, Sempervirens, white .....	.10	.25
Coreopsis (Lanceolata) double yellow .....	.05	.10
Delphinium , Michael's Special mixed .....	.15	.40
Digitalis (Fox Glove) .....	.10	.15
Forget-Me-Nots (Myosotis) sky blue .....	.10	.15
Gaillardia, new hybrids .....	.10	.15
Linum LINUM—Perennial Flax. Sky-blue blossom .....	.10	.15
Oriental Poppy (Papaver) scarlet .....	.10	.15
Phlox , Decussata, mixed, 3 ft. stems .....	.10	.25
Physalis, Chinese Lantern .....	.10	.25
Pinks, Allwoodii .....	.10	.25
Pyrethrum, single mixed .....	.10	.25
Phyrethrum , double mixed .....	.25	1.00
Platycodon, Balloon Flower, mixed .....	.10	.25
Shasta Daisy , best American white double .....	.10	.25
Sweet Peas, Lathyrus, mixed colors .....	.10	.15
Hollyhock , Fringed Petals , Alleghany (100 Seeds 10c).		
Hollyhock, double type (100 Seeds 10c). Roots each 15c; doz. \$1.00		



Dahlia



Canna

BULBS, ROOTS and FLOWERING PLANTS

CANNA ROOTS AND PLANTS (4 in Pot)	Each	Doz.
President, red, pot grown plants, 4 ft.	\$0.25	\$2.25
President, Canna Dormant Roots .....	.10	.75
Queen Helen, yellow pot grown plants, 4 ft. ....	.25	2.50
Queen Helen, Canna Dormant Roots .....	.10	.75
Humbert, bronze foliage, pot grown plants, 4 ft. ....	.25	2.25
Humbert, Canna Dormant Roots .....	.10	.75
Eureka, Pure white, pot grown plants, 4 ft. ....	.25	2.50
Eureka, Canna Dormant Roots .....	.10	1.00
Musifolia, Green red flowers, pot grown, 6 ft. ....	.25	1.75
Musifolia, Canna Dormant Roots .....	.05	.50

DAHLIAS

Bashful Grant, Apricot and Amber .....	.10	1.00
Diana, Scarlet .....	.10	1.00
D. M. Moore, Deep Maroon, Almost Black .....	.10	
Purple Manitou, Immense Purple Flower .....	.15	
Jane Cowl, Brousy Buff Salmon .....	.15	
Jersey Beauty, Perfect Pink .....	.20	
Judge Marean, Reddish Orange .....	.10	
Kitty Dunlap, American Beauty Shade .....	.15	
Laura Morris, Large and Best Yellow .....	.15	
Oregon Beauty, Brilliant Red .....	.10	
Mrs. E. DeVer Warner, Orchid Lavender .....	.10	
Venus, White Suffused Lavender .....	.10	
Mixed Shades, Pink, Red and White .....	.05 (50c doz.)	

GLADIOLUS BULBS

	Each	Doz.	100
Anna Eberius, Dark Velvety Purple	\$0.08	\$0.75	\$5.00
Dr. F. E. Bennett, Scarlet and White .....	.06	.60	4.00
Giant Nymph, Pink with Creamy Yellow .....	.05	.50	3.00
Gold Eagle, Clear Yellow .....	.05	.50	3.00
Byronne L. Smith, Lavender-Pink .....	.08	.75	5.00
Los Angeles, Attractive Bright Pink .....	.05	.50	3.00
Shaller, Deep Rose Pink Ruffled	—	—	—
Virginia, Scarlet, Dark Throat	—	—	—
Native Mixture, Home Raised .....		.25	1.50
Jumbo Mixture, Largest size attractive bulbs.....	.05	.35	2.25

PEONIES

Roots Fertilized for Planting

Picture	Each root wrapped name and Description.	Each	
	Edulis Superba, Pink. Very early	\$0.20	3 for \$0.50
	Flexi Crousse, Brilliant Crimson, stiff stems .....	.20	3 for .50
	Festiva Maxima, Pure White flecked, Better Best ..	.20	3 for .40
	Karl Rosenfeldt, Brilliant Crimson, Better, Best ....	.25	3 for .60
	Pink Unnamed Mixed, mixed pink varieties .....	.15	\$1.50 doz
	Red Unnamed Mixed, mixed red variety .....	.15	2.00 doz.
	Mixed Colors. All kinds, red, pink and white .....	.15	1.50 doz.
	LeCygne, White, World's best peony, each	4.00	

IRIS

We stock many varieties not mentioned.

Alcazar, S. Violet, F. Purple, 3 ft.	\$0.25
Ambassadeur, S. Purple, F. Maroon, 3 ft. ....	.50
Juniata, S. and F. Deep Blue, Tall, 4 ft. ....	.25
Kochi, Rich Dark Purple, black, 2½ ft. ....	.15
Mother Pearl, Bluish Lavender, 3 ft. ....	.35
Prospero, S. Lavender, F. Deep Purple .....	.50
Mixed Iris, All kinds, mixed	(.35c per doz.) .05



LILLIUM PHILIPPINENSE FORMOSANUM

“WONDER LILY”

Sturdy plant, long leaves, beautiful foliage, **ever blooming**. New spikes continually appearing from the mother bulb. Bearing flowers until frost in autumn. Regal lily type flower. Price 25c each, 3 for 70c

HARDY LILY BULBS

	Each		
Madonna, fragrant white, autumn planting	\$0.10	5 for	\$0.25
Elegans, (Fire Lily) red .....	.25	3 for	.60
Regale, Pink Shaded, 6 to 7 inch .....	.20	3 for	.55
Tiger Lily, Single .....	.10	4 for	.35
Tiger Lily, Double .....	.15	3 for	.40

NOT HARDY

Begonias, Tuberose Rooted, different colors .....	.25	3 for	.60
Elephant's Ear (Caladium) Tropical foliage .....	.25	3 for	.70
Tuberoses, Sweet Scented flowers .....	.65	doz.	.50

CHRYSANTHEMUMS (Hardy Outdoor Varieties)

Surpass all kinds of cut flowers for autumn season, lasting until the ground freezes hard.

No other plant known returns so much for its cost.

Astrid—Soft Pink, Absolutely Winter Proof Variety	\$0.60	each
Alladin—Bronze, July Bloomer, Perpetual Flowering .....	.50	each
Brilliancy—Bright Red, Very Early Semi-double .....	.25	each
Vulcan—Carminc Red, New Family Chrysanthemum .....	.25	each
Marion Hatton—Early, Double Yellow Flowering .....	.25	each
Uvalde—Double, White Free Flowering .....	.25	each
Parisiene—Large Double Flowering Pink .....	.25	each
Saranac—New Yellow, Double, Very Early .....	.25	each

AQUATIC PLANTS

WATER LILIES

TUBERS
Each 3 for

White Adorata, fra- grant flowers	\$0.25	\$0.60
Yellow (Advena) .....	.50	1.25
Helen Fowler, pink	1.00	2.50
Aurora, red flower	2.00	
Gigantea, large white ..	1.00	
American Lotus, creamy	2.00	
Water Hyacinth .....	.10	.25
	\$1.00	doz.



Wild Rice, aquatic duck
food 1.25 lb.

Helen Fowler

DOGZOFF—Effective driving ants away, keeping rats and mice out of the house, as well as protecting trees from rabbits. See price Page 22.



Tomato Plant



Basket of Pansy Plants

PLANT DEPARTMENT

Fertilized for Planting

Picture each root wrapped	Named and Description	Each
Baby Breath (Gypsophila), wrapped	\$0.15
Bleeding Heart, (Dicentra) wrapped roots, Old fashioned.....		.18
Campanula (Bell Flower), wrapped roots18
Carnations, pink and scarlet, wrapped15
Columbine, large, wrapped roots, good Rock Garden Plant.....		.15
Coreopsis, large, wrapped roots15
Delphinium hardy perennial, wrapped roots.....		.15
Dianthus (Garden Pink), wrapped roots15
Gaillardia, (Blanket flower) wrapped roots15
Lupine, blue and pink, wrapped roots15
Oriental Poppy (Papaver), wrapped roots15
Phlox, mixed kinds, wrapped roots10 each, \$1.00 doz.
Phlox, named varieties, wrapped roots.....		.18
Physalis (Chinese Lantern), wrapped roots15
Pyrethrum (Painted Daisy), wrapped roots15
Seedum, rock garden plant, wrapped, rock garden use15
Sempervivum (Horse Leek), wrapped, rock garden use15
Shasta Daisy, large clumps, wrapped roots15
Sweet Pea, perennial, wrapped roots20

BASKET GROWN PLANTS

FLOWERING PLANTS (In Earth)

Aster Plants, Basket grown.....	\$0.35 doz.	Bulk	\$2.50 per 100
Pansy Plants, Basket grown.....	.35 doz.	Bulk	2.50 per 100
Petunia Plants, Basket grown.....	.35 doz.	Bulk	2.50 per 100
Salvia Plants, Basket grown	.35 doz.	Bulk	2.50 per 100
Geranium, Plants, 4 in., pot grown, dark red, pink and white	.25 each	2.50 doz.	

VEGETABLE PLANTS

Cabbage Plants, frost proof, grown out doors.....	\$0.35 per 100		
Cabbage Plants, transplanted, cold frame grown.....	1.00 per 100		
Tomato Plants, frost proof, grown out doors.....	.50 per 100		
Tomato Plants, transplanted, cold frame grown.....	1.00 per 100		
Cauliflower Plants, early (Snowball).....	2.00 per 100		
Celery Plants, early variety	.75 per 100		
Egg Plants, purple	1.50 per 100		
Pepper Plants, giant bull nose	1.25 per 100		
Sweet Potato Plants	.75 per 100	\$5.00 per 1000	
Asparagus Roots, Washington, rust proof....	.35 doz.	1.50 per 100	
Rhubarb Roots, 2 year old.....	.10 each	.60 doz.	

ONION PLANTS

Parcel Post: 1st lb. 8c, each additional pound 6c extra.			
	100	1000	6000
White Bermuda Plants	\$0.10	\$0.75	\$4.50
Yellow Bermuda Plants	.10	.75	4.50
Villencias Plants	.10	.75	4.50

VEGETABLE KINGDOM VS. ANIMAL KINGDOM

Life on this earth is divided into two great kingdoms; the vegetable kingdom and the animal kingdom. These two kingdoms are again divided into wild life and domestic life. Vegetable kingdom is the older kingdom. The animal kingdom lives on the vegetable kingdom. Everything that we eat and wear comes from Mother Earth through the activities of plant life—the Vegetable Kingdom. “All flesh is grass”. Wild life is more resistant than domestic life which has been brought up to the high state of perfection we find it today from the wild life by the artificial effects of man’s labor and ingenuity—up and out of the fathomless past. Insects prey on domestic life rather than wild life for the reason that domestic plants furnish more succulent food. We protect domestic plants against these inimical things by insecticides and other remedies. See page 22.



Mowing

Alfalfa

AGRICULTURAL SEEDS

ALL PRICES SUBJECT TO MARKET CHANGES.

The great drought and terrific hot weather, July and August, many fields, clover, alfalfa and forage crops seed were a failure. Seeds of those things—prices ranging higher than usual.

We give no warranty, expressed or implied, as to description, quantity, productiveness, or any other matter of any seeds, bulbs, nursery stock or plants we send out, and we will not, in any way, be responsible for the crop, or any sweet clover infestation in alfalfa fields. Samples furnished on application.

ALFALFA SEED

PRICES

Fair to Superfine Qualities

Common, Home Grown Seed.....	25.00 to	\$28.00 Per 100 lbs.
Common, Western Grown Seed.....	20.00 to	22.50 Per 100 lbs.
Grimm, Affidavit, Home Grown Seed....	27.00 to	30.00 Per 100 lbs.
Cossack, Affidavit, Home Grown Seed....	30.00 to	32.00 Per 100 lbs.
Dakota No. 12, Nebr., Dakota Grown.....	28.00 to	30.00 Per 100 lbs.
TURKESTAN—Genuine home raised.....Crop failed		

SWEET CLOVER SEED

Fair to Superfine Quality

Common White, Biennial Variety.....	\$11.00 to	12.00 Per 100 lbs.
Common Yellow, Biennial Variety.....	12.00 to	12.50 Per 100 lbs.
Hubam White, Annual Variety	Prices on Application	

CLOVER AND GRASS SEEDS

Fancy to Superfine

Medium Red Clover, Iowa	\$20.00 to	\$25.00 Per Bushel
Alsike, Wisconsin Grown		18.00 Per Bushel
Timothy, Iowa Grown	4.50 to	5.50 Per Bushel
Timothy, Big seed, Top screen	3.00 to	3.50 Per Bushel
White Clover, Bright Seed, field use....	25.00 to	35.00 Per 100 lbs.
Bromus Inermis, Early and Late Pasture	25.00 to	35.00 Per 100 lbs.
Blue Grass Ky., Superfine, Michael's		
30 lb. Quality Lawn Culture....	1 lb. .40,	5 lb. \$1.75, 10 lb. \$3.25
Blue Grass Ky., Fancy Fine, Michael's		
25 lb. Quality, Lawn Culture....	1 lb. .35,	5 lb. \$1.50, 10 lb. \$3.00
Blue Grass Ky., Very fine, Michael's, 21 lb.		
Quality, Standard Field Culture	1 lb. .30	Per 100 lbs. \$22.50
Blue Grass, Trivialis, for Shady Nooks.....	1 lb. .40,	5 lbs. \$1.75
Blue Grass (Meadow Fescue)		Per 100 lbs. \$22.50
Creeping Bent Grass, Oregon Grown Astoria	1 lb. \$1.00,	5 lbs. \$4.00
Rye Grass, Annual, Michael's Small Seeded	1 lb. .25,	10 lbs. \$2.25
Rye Grass, Native, Annual		\$ 9.00 Per 100 lbs.
Red Top, Fancy, Solid Seed	1 lb. .25,	22.50 Per 100 lbs.
Orchard Grass	1 lb. .25,	23.00 Per 100 lbs.
Pasture Mixture, Special Mixture		15.00 Per 100 lbs.

FIELD AND FORAGE SEED

Spring Wheat, Ceres, Early variety	\$1.25 to	\$1.50 per bu.
Rosen Rye, Mammoth White seeded variety..	1.00 to	1.25 per bu.
Rye, Spring Variety, Crops Season Sown....	1.00 to	1.25 per bu.
Barley, Velvet and other kinds .....	.90 to	1.00 per bu.
Oats, Gopher, Big 4, other kinds.....	Ask for price per bu.	
Soy Beans, Early Manchu	1.50 to	2.00 per bu.
Flax, Minn Grown, Wilt Resistant	Ask for price per bu.	
Rape Seed, Dwarf Essex	7.00 to	7.50 per 100 lbs.
Sugar Cane, Ey. Black Amber	4.00 to	6.00 per 100 lbs.
Sugar Cane, Orange, Red Top, others.....	3.00 to	4.00 per 100 lbs.
Kaffir Corn, True White variety	4.00 to	4.50 per 100 lbs.
Mazie, Grohomo, other forage cereals	5.00 to	7.50 per 100 lbs.
Millet, True German variety	4.00 to	5.00 per 100 lbs.
Millet-Proso, Fortune, other kinds.....	2.50 to	3.00 per 100 lbs.
Sudan Grass Seed, great forager	5.00 to	6.00 per 100 lbs.
Cyclone Seeders		\$2.50 each
Nitragin Innoculation	½ bu. size,	40c; bu, 60c; 5 bu. \$2.50

SEED POTATOES

All prices quoted for seed corn and seed potatoes are subject to market changes and stocks unsold.

SEED POTATOES (Red River Grown)

Early Ohio, for seed	\$2.00 to \$2.50	Per Bushel
Ohio Cobbler, for seed	2.00 to 2.50	Per Bushel
Triumph, for seed	2.00 to 2.50	Per Bushel

WARBA HYBRID SEED POTATO

The main characteristics of the HYBRID WARBA potato are: earliness, upright sturdy vines, high yield, short round blocky white tubers with pink eyes, uniform size. Mosaic disease resistant, it is especially adapted for an early market potato and a great early variety for the home garden. Its season is ten to fourteen days earlier than Irish Cobbler and from seven to ten days earlier than Ohio and Bliss Triumph. Vines of the Warba less injured by high temperature than Bliss Triumph. Vines green until normally matured. Flesh conspicuously white and crisp.

KATAHDIN HYBRID SEED POTATO

The HYBRID KATAHDIN potato is a double cross, the crossing of two crosses, with a history like the breeding of hybrid seed corn, introduced by the United States Department of Agriculture. Has the advantage, once produced, does not require continuous breeding like hybrid seed corn does. This hybrid is smoother, rounder than most other varieties. The Experiment Station of North Dakota, from four potatoes, raised one bushel.

Price per bushel, \$2.50

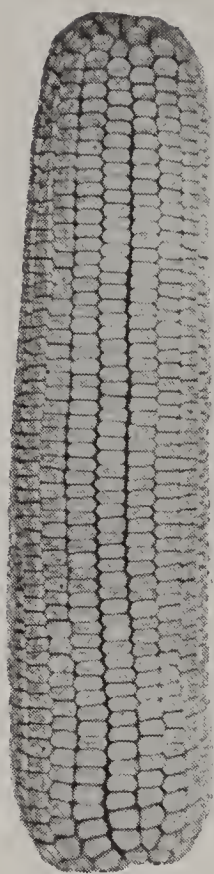
THE MICHAEL SEED STORE

SIOUX CITY, IOWA

316 Pearl Street --: Phone 88666

SEED CORN

All prices quoted for seed corn and seed potatoes are subject to market changes and stock unsold.



Iowealth Hybrid Seed Corn

SEMESAN Jr.

A Dust Disinfectant for Seed Corn

4-oz. tin	\$0.35
1-lb. tin	1.00
5-lb. tin	4.75

SEMESAN BELL

Dip Disinfectant for Seed Potatoes

4-oz. tin	\$0.50
1-lb. tin	1.65
5-lb. tin	5.00

FIELD SEED CORN

Reids Improved, Home Grown.....	Price on Appl.	Per Bushel
Wimple Yellow Dent, Home Grown	Price on Appl.	Per Bushel
Yellow Hammer, Extra Early, 90 day ...	Price on Appl.	Per Bushel
Silver King, Early White Dent	Price on Appl.	Per Bushel
Other Varieties, lesser important kinds...	Price on Appl.	Per Bushel

HYBRID FEILD SEED CORN

This Iowealth Hybrid Corn of ours was bred not only to out-yield, but also bred for a deeper root system which makes it **drouth** resistant, **wind** resistant and **heat** resistant. Its wide spreading deep rooted, root system, is the trick that does it. **Iowealth** Corn with its powerful root system grows heavy strong stock that produces, not only one ear but a good second ear. In trial tests, Ames, Iowa, it has yielded at the rate of one hundred and forty bushels to the acre. **Iowealth** yields a crop far surpassing **open** pollinated corn or any other strain of hybrid corn. We are **special local** representatives in this trade territory of the Sioux City Seed Company of this city who have bred and developed, in their research department near Ames, Iowa, the **Iowealth** strain of hybrid field corn. Hybrid Seed Corn requires new seed each year. Pays many fold to get it. **Iowealth** Yellow Dent Seed Corn, Edge Drop.....\$12.00 per Bu. **Iowealth** Yellow Dent Seed Corn, Hill Drop..... 11.00 per Bu.

See Page 5 for Hybrid Strains of Sweet Corn.

NURSERY DEPARTMENT

WE CARRY IN STOCK VARIETIES NOT QUOTED HERE

Specimen Size	Each	Five	Ten
Fruit Trees 11/16 up, Selected Stock, 5 to 6 ft.	\$0.60	\$2.75	\$5.00
Second Size Fruit Trees 5/16 up, 4 to 5 ft. ....	.25	1.45	2.50

These prices apply to Apples, Crabs, Cherries and Plums

APPLES

	Size 11/16 up	Per Tree
Anoka, Extra Early, Subacid, Dwarf, Habits, Bears Young....		\$0.60
Duchess, 'Oldg., Early, Subacid, July, Large Fruit, Striped ....		.60
Transparent, Extra Early, Yellow, Season August, Subacid....		.60
Vander Veer Phippen, Late Summer, Apple of the North.....		.60
Delicious, Winter, Dark Red, Large Fruit, Conical Apple.....		.60
Delicious, Golden, Luscious, Fall and Winter Apple.....		.60
Jonathan, Red, Early Winter, Most Popular Apple Known....		.60
Haraldson, Reddish, Winter Apple, First Degree Hardiness.....		.60
McIntosh, Winter, Red, Long Keeper—Canadian Origin, Hardy..		.60
No. West Greening, Winter, Green Apple, Long Keeper.....		.60
Wealthy, Red, Autumn and Winter, Superior Eating, Cooking..		.60
Winesap, Red, Winter, Good Keeper, Old Fashion But Good..		.60
Winesap, Golden, Luscious Winter, Yellow Fruit, Red Cheek....		.60

CRAB APPLES Size 11/16 up

Whitney, Hybrid, For Eating..	.60
Florence, Red, Jelly, Prolific....	.60

CHERRIES

Size 11/16 up

Richmond, Extra Early, Dark..	.50
Montmorency, Later Variety....	.50
Morello, Latest, Dark Red'.....	.50
Tartarian, Sweet, Black Heart..	.50
Compass, Plum-Cherry Cross....	.50
Bird Cherry, Hansen Hybrid..	.75
Bush Cherry, Hansen Hybrid...	.25

PLUMS

Size 11/16 up

Hanska, Hansen Hybrid, Red..	.60
Opata, Hansen Hybrid, Green..	.60
Sapa, Hansen Hybrid, Dark....	.60
Waneta, Hansen Hybrid, Largest	
Fruit of the Plum Family .....	.60
German Prune, Dark Red.....	.60
Terry Chickasaw, Native Plum..	.60
Omaha, Chickasaw, Native Plum	.60

APRICOTS One Year From Buds

Manchu, No. 1 Sing, Siberian	
Origin by Prof. Hansen, Hardy	1.50

PEACHES

Size 11/16 up

Bokara, Hardy35
---------------------	-----

PEARS

Bartlett, Large Fruit, Summer..	.60
Flemish Beauty, Sweet Summer	.60
Flemish Beauty, Dwarf—4 ft....	.60
Kieffer, Winter Variety, Hardy.	.60

CURRENTS, 2 yr. #1

PRICES

	Each	Doz.
Diploma, Large Fruit	\$0.20	\$2.00
Perfection, Large Fruit ..	.20	2.00

GOOSEBERRIES, 2 yr.

Downing, Big Fruit	\$0.15	\$1.75
Houghton, Med. Fruit ....	.10	1.00
Glendale, upright form crop-failed.		

BLACKBERRIES — (Trans-planted Plants)

	Doz.	100
Snyder	\$0.35	\$3.00
Eldora' .....	.50	3.00
Brainard Extra Hardy....	.75	7.50

RASPBERRIES—(Trans-planted) 2 Yr. No. 1

Chief, Red everbearing....	\$0.50	\$3.50
Columbian, Purple June ..	.75	5.00
Cumberland, Black June ..	.65	4.00

GRAPE VINES—2 Yr. No. 1.

	Each	Doz.	100
Concord, Black, ..	\$0.10	\$1.00	\$ 7.50
Beta, Black Prolific			
Annual arbor vines	.15	1.50	12.50
Caco, Red, Very hardy and prolific..	.30		
Worden, Black like Concord, early .....	.15		





Hydragea P. G.

ORNAMENTAL FLOWERING SHRUBS

Price Each

Almond, 2 to 3 ft., Double Pink, Early Flowers	\$0.50
Barberry , 18 to 24 in., Ornamental Red Leaf .....	.35
Barberry, 2½ to 3 ft., Japanese, Green Leaf .....	.25
Beauty Bush , 2 ft., (Kolkwitzia) Double Pink Flowers .....	.40
Butterflybush, No. 1 Alternifolia, Purple Flowers .....	.35
Butterfly Bush (Buddleia) Ile de France, Sensational New.....	.50
Cercis, RED BUD , 2 to 3 ft., Early Red Flowers.....	.75
Cercis (Red Bud) 5/6 ft. Early Red Flowers	1.50
Cherry, 3 to 4 ft., Japanese Flowering (Pink Flowers)	1.00
Cotoneaster, 2 to 3 ft., Dark Green Leaves .....	.35
Crab, 2 to 3 ft. Bechtel Flowering .....	.50
Crab , 2 to 3 ft., New Theifera, Purple Flowers .....	.50
Cranberry, 2 to 3 ft., High Bush, White Flowers .....	.25
Dogwood (Cornus) 2 to 3 ft., Siberica, Red Bark .....	.25
Dogwood (Cornus), 2 to 3 ft., Sanguinea, Bloodtwig .....	.25
Elder, 2 to 3 ft., Golden Yellow Foliage .....	.35
Forsythia, 2 to 3 ft., Spectabilis, Golden Flowers .....	.35
Honeysuckle, 2 to 3 ft., Bella Rosia, Pink Flowers.....	.25
Hydrangea , 2 to 3 ft., A. G. Everblooming .....	.35
Hydrangea, 2 to 3 ft., P. G. Summer Bloomer .....	.35
Peach, 2 to 3 ft., Japanese Flowering .....	.50
Plum (Prunus) Triloba, 2 to 3 ft., Double Pink .....	.50
Plum (Prunus) Pissardi, 2 to 3 ft., Purple leaf-white flower....	.50
Privet , 2 to 3 ft., Michael's Golden Foliage, Ornamental.....	.50
Quince, 2 to 3 ft., Japanese Early Red Flowers .....	.25
Rhodotypos, 2 to 3 ft., Shiny Green Leaves, Shaded Places ....	.35
Rose Acasia, 2 to 3 ft., Low Bushy Shrub, Pink Flowers.....	.35
Snowball (Viburnum), 2 to 3 ft., Common Snowball .....	.35
Snowberry (Symphoricarpus), 2 to 3 ft., Pink Flowers .....	.35
Sumac (Rhus), 2 to 3 ft., Crimson Berries, Clumps .....	.25
Syringa 18 to 24 in., Semi-dwarf, Golden Foliage .....	.35
Syringa, 18 to 24 in., Lemonie, Semi-dwarf, Green Foliage.....	.35
Syringa , 2 to 4 ft., Virginalis, Double Flowering .....	.40
Tamarix, 2 to 3 ft., Hispila, Choral Pink Flowers .....	.35
Weigelia, 2 to 4 ft., Eva Rathka, Red Flowers .....	.35
Yucca, Filamentosa, 2 yr., Sword Leaf Foliage .....	.25

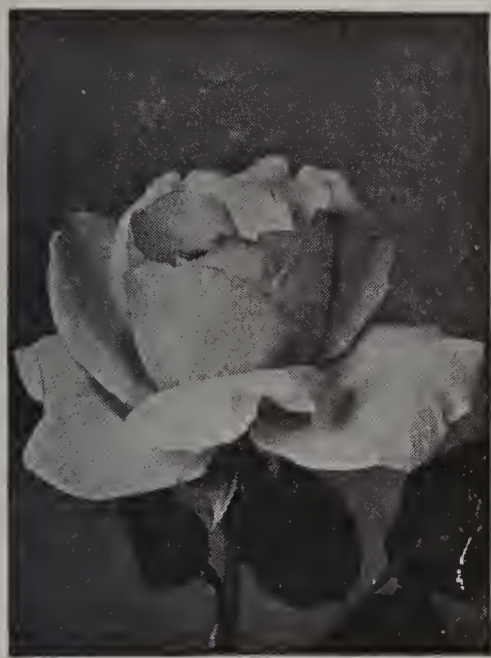
LILACS—2 to 3 ft.

Charles Joly , Double Purplish Red, French grafted stock .....	.50
Charles 10th, Single, Purplish Red, French grafted stock .....	.50
Mme. Perier, Double White, French grafted stock .....	.50
Michael Buchner, Double Dwarf, Lavender Lilac .....	.50
Ludwig Spaeth, Single Purple, Most Profuse Bloomer.....	.50
Persian , Purple Flowers, Early Profuse Bloomer .....	.35
Common Purple, (Vulgaris) Old Fashion Variety .....	.25

SPIREA—(Bridal Wreath)

Anthony Waterer , 18 to 24 in., Dwarf, Crimson, Everblooming....	.25
Froebeli, 18 to 24 in., Similar to Anthony Waterer, Taller ....	.25
Prunifolia, 2 to 3 ft., Very Early Bridal Wreath .....	.50
Van Houte , 3 to 4 ft., Fragrant White Bridal Wreath .....	.25
Van Houte, 4 to 5 ft., Extra Large Clumps .....	.50

See Page 20 for Hedge Size



American Beauty



Crimson Rambler

H. P. ROSES—(2 Yr. Wrapped Roots, field grown)

American Beauty, Fragrant, Soft Crimson .....	.50
Druschki, Large Flower, Snow White .....	.45
Sweet Briar (Rubiginosa) Single Pink Flowers .....	.40
Eugene Furst, Dark Crimson, Profuse Bloomer .....	.45
Gruss an Teplitz, Dark Red, Always Blooming .....	.45
Gen. Jacqueminot, Fragrant, Rich Crimson .....	.45
Paul Neyron, Fragrant, Largest Pink Flower .....	.45
Tailsman, Copper Red, Blended Orange, Rose .....	.50
Briarcliff, Silvery Rose Pink .....	.50
Red Radiance, Bright Rosy Red .....	.50
Lord Charlemont, Glowing Scarlet Red, Black Undertone .....	.40
Mme. Butterfly, Light Pink, Fragrant .....	.50

CLIMBING ROSES

American Pillar, Single Pink Flowers .....	.25
Climbing American Beauty, Purple Crimson Flower .....	.40
Crimson Rambler, Double Reddish Scarlet .....	.25
Dorothy Perkins, Soft Shell Pink .....	.25
Excelsa, Double Scarlet Crimson .....	.25
Paul's Scarlet, Intense Scarlet Flower, Double .....	.40

RUGOSA ROSES—(Hardest Rose)

C. F. Worth Double Crimson Flower .....	.40
Hugonis, Small Yellow Flowers .....	.35
Antony Waterer, Double Crimson .....	.35
Rubra, Early Large Single Flower .....	.35
Grootendorst, Small Red Fringed Flower .....	.50
Memorial Rose, (Wichuriana) Trailing Habits, Starry White....	.35

BABY ROSES—(Dwarf Polyantha)

Crimson Baby, Semi-double Flower .....	.45
Ideal, Dark Scarlet, Profuse Bloomer .....	.35
Cecil Brunner, Dainty Clear Pink .....	.50
Golden Salmon, Bright Orange, Blooms Continually .....	.50

SENSATIONAL ROSES (Patented)—2 Yr. No. 1

Better Times, Bush, Brilliant, Cerise, Fragrant	\$1.50
Mary Hart, Bush, Deep Blood Red Flowers	1.25
Nigrette Bush, Black Rose of Sanguerhausen	2.00
Blaze, Climber, Everblooming, Scarlet Flowers	1.50
Golden Climber, Extremey Hardy Yellow Climber	2.00
New Dawn, Climber, Pink, Everblooming	1.75

BARGAIN ROSE

Ten Roses—One each of ten different kinds. Two inch pot-grown. Begin to bloom the first year. Postpaid. All for \$1.00

ROSE DISEASES

The rose faces four deadly meanaces, anyone of which would destroy the rose garden if left unchecked. Black Spot presents the greatest Problem. Easily controlled if one start making exterminating applications when the leaves first appear—additional applications week or ten days later if necessary. Mildew, leafeating insects, and aphis are the other controlled in the same way as Black Spot either by dusting or spraying will exterminate these diseases. Insecticides page 22. Tri-Ogen, per Kits \$1.50



Chinese Elm

NATIVE SHADE TREES

Price Per Each

Ailanthus, 4 to 5 ft., Tree of Heaven, Very Rapid Grower.....	\$0.50
Elm, Chinese, 4 to 5 ft., Beautiful Tree, Rapid Grower.....	.35
Elm, Chinese , 6 to 8 ft., Beautiful Tree, Rapid Grower.....	.75
Elm, Chinese, 8 to 10 ft., Beautiful Tree, Rapid Grower	1.00
Elm, Native, 8 to 10 ft., Beautiful Tall Tree .....	.75
Maple, Soft, 8 to 10 ft., Native Variety .....	.75
Poplar, Bolleans , 8 to 10 ft., Silver Green Foliage.....	1.50
Poplar, Bolleana, 6 to 8 ft., Silvery Green Foliage	1.00
Poplar, Volga, 8 to 10 ft., Tall Spiral Like Tree .....	.50
Poplar, Volga, 6 to 8 ft., Tall Columnar Tree.....	.35

Many other varieties for sale not mentioned here.

WEeping ORNAMENTAL TREES

Birch, Weeping , 6 to 8 ft., White Bark	1.50
Catalpa, Bungei, 2 year head, 5 ft.	1.00
Cherry, 3 to 4 ft., Weeping, Japanese Pink Flowers	1.00
Maple, 5 to 6 ft., Purple Leaf Foliage, Schwerdler	1.50
Mountain Ash, 6 ft., eautiful Red Berries	1.50
Mulberry, 6 ft., Tea's Weeping, Umbrella Foliage	1.50
Red Bud (Cercis), 5 to 6 ft., Beautiful Red Flowers.....	1.50
Red Bud (Cercis) 2 to 3 ft., Beautiful Red Flowers .....	.60
Umbrella Willow , 5 to 6 ft., Something new	1.25
Weeping Willow, 6 to 8 ft., Niobe, Golden Bark	1.00

CLIMBING VINES

Ampelopsis, 2 yr., No. 1 (Engelmanni) Hardy Clinging Climber ..	.15
Ampelopsis , 3 yr., No. 1 (Veitchi) Boston Ivy, Best Clinger....	.35
Dutchman Pipe, 12 to 18 in., Flowers Resembling Pipes in Shape ..	.75
Trumpet Vine (Bugnonia), 2 yr., Scarlet Trumpet Flowers .....	.25
Clematis , 2 yr., No. 1, Jackmanni, Purple (Potted Plants).....	.50
Clematis, 2 yr., No. 1, Mme. Andrea (Potted Plants).....	.50
Clematis, 3 yr., No. 1, Paniculata, Fragrant White Flowers....	.25
Honeysuckle , 2 yr., Scarlet Trumpet Shaped Flowers.....	.25
Honeysuckle, 2 yr., Hall's Japan, Fragrant Yellowish.....	.25
Honeysuckle, 2 yr., Belgica , Fragrant, Monthly Bloomer .....	.25
Lace Vine Polygonum Auberti), yr., No. 1, Foamy White.....	.50
Lycium, 2 yr., No. 1 Japanese Matrimony Vine , Purple.....	.25
Wisteria, 2 yr., No. 1 Lilac Purple Flowers .....	.25
Morning Glory , Annual, Large Blue Flowers, (Potted Plants)..	.25

HEDGE SHRUBS

A Hedge can be trimmed always to the height you would prefer it to grow. Some varieties of Hedge Shrubs grow taller than others and we have noticed it after each variety.

	Doz.	100
Barberry, 18 to 24 in., Japanese, Med. Tall Hedge.....	\$1.50	\$12.50
Buckthorn , 18 to 24 in., Trims Med. Hedge, Natural Tall	1.00	7.50
Honeysuckle, 18 to 24 in., Tall Growing Hedge	1.50	10.00
Mulberry, 18 to 24 in., Russian, Tall Growing Hedge .....	.50	2.50
Olive , 18 to 24 in., Hardy Russian, Med. Tall Hedge ....	.60	5.00
Privet, 18 to 24 in., Amoor River, Small Hedge .....	.75	6.00
Spirea , 18 to 24 in., Briday Wreath, Weeping Hedge	1.00	7.50

FOREST TREE SEEDLINGS—Forest Grown, 18 to 24 in.

	100	1000
Ash, Elm and Maple	\$2.00	7.50
Cottonwood and Willow	1.00	5.00

Nursery Grown, 18 to 24 in.

Mulberry, Russian Variety, Wind Break Tree	2.50	20.00
Black Walnut, Valuable Timber Tree	4.50	
Elm, Chinese, Most beautiful Elm, Rapid Grower	2.50	17.50
Catalpa, Valuable Timber, Shade and Ornamental Tree	2.50	20.00



Home Evergreen Setting

HARDY EVERGREENS—(Nursery Grown)

Taken up with Ball Earth and Burlaped

Evergreens newly planted should be well watered during the summer season and soaked down just before ground freezes when winter begins.

Price Each

- Juniper, 3 to 4 ft., sheared, (Red Cedar) Virginiana\$2.50
- Juniper, 2 to 3 ft., sheared, (Red Cedar) Virginiana 1.50
- Juniper, 3 to 3½ ft., sheared, Blue Virginiana' 3.00
- Juniper, 2 to 2½ ft., Carnarti, Bird Cedar, Bears Blue Berries 2.50
- Juniper, Many sizes, Native Bird Cedar, Bears Berries \$1.00 to \$3.00
- Juniper Scopulorum, 2 to 3 ft., Silvery Foliage, Upright Growth 2.50
- Juniper Shotti, 2 to 3 ft., Sheared, Yellowish Green..... 2.50
- Spruce, 1½ to 2 ft., Black Hills, Hardest Spruce 1.50
- Spruce, 2 to 2½ ft., Black Hills, Hardest Spruce 2.00
- Spruce, 2 to 3 ft., Colorado Blue, very beautiful 5.00
- Arbor Vitae, 3 to 4 ft., Pyramidalis 3.00

DWARF EVERGREENS

Pfitzeriana Juniper (of the Cedar Family) is one of the hardiest, easiest to grow, and most satisfactory of all the dwarf varieties of evergreens.

- Juniper, 15 in, spread, Pfitzeriana\$1.00
- Juniper, 18 to 24 in. spread, Pfitzeriana 2.00
- Juniper, 18 to 24 in. spread, Sabina 2.00
- Juniper, 18 to 24 in. spread, Sargenti, Creeper 2.75
- Mugho Pine, 18 in. spread, Compact Growth, Dark Green 1.75

BLACK HILL SPRUCE SEEDLINGS

F. O. B. Black Hills South Dakota

The forest grown Black Hill Spruce Seedlings are the easiest to grow and the hardest of all spruces.

Per 100

- Black Hill Spruce, Seedlings, 12 to 18 inch, well Rooted.....\$6.00
- Black Hill Spruce, Seedlings, 18 to 24 inch, well Rooted..... 8.00

EVERGREEN SEEDLINGS

Price Per 100

- Black Hill Spruce, 10 to 12 in., Transplanted Stock.....\$12.50
- Colorado Blue Spruce, 10 to 12 in., Seedlings 7.50
- Norway Pine, 12 to 15 in., Tallest Lumber Evergreens 5.00
- Balsam Fir, 7 to 10 in., Seedlings, Tall Conical TreeApplication

SAVE YOUR EVERGREENS



PROTECTION

FROM DOGS,
RABBITS, CATS,
MOLES and MICE,
from Evergreens
and fruit trees.

"DOGZOFF"

Drives Dogs Away Never
to Return

Price See Page 22

An Evergreen setting, landscaped around a home in the back ground, not only beautifies but is green and attractive the whole year around. It gives the home an inviting appearance. Autumn planting of Evergreens is really the best time of year to set them out, but spring time is good if you haven't had time to plant them in the autumn. We handle a complete line o' both dwarf and taller Evergreens, too, in the autumn as well as in the spring time.



Fertilizers, Insecticides and Poultry Foods

FERTILIZERS

Sheepo, Sheep Manure refined ..	5 lbs. 25c; 50 lbs. \$1.20; 100 lbs. \$2.00
Miko, Michael's Humus Fertilizer	5 lbs. 25c; 100 lbs. 3.00
Ground Bone (pure), Lasting effect	5 lbs. 25c; 100 lbs. 4.00
Ground Bone (Armour)	5 lbs. 15c; 100 lbs. 2.75
Acid Phosphate, Available	5 lbs. 25c; 50 lbs. \$1.50; 100 lbs. 3.00
Vigoro Mostly Stimulant	25 lbs. \$1.50; 50 lbs. \$2.00; 100 lbs. 4.00
Sacco, Mostly Stimulating....	25 lbs. \$1.50; 50 lbs. \$2.00; 100 lbs. 4.00
Stim-u-plant	30 Tablets 25c; 100 Tablets 75c; 1000 Tablets 3.50
Peat Moss	Per lb. 10c; 10 lbs. 60c; 25 lbs. \$1.00; 100 lbs. 3.00
Lime, Raw Ground	100 lbs. \$1.00; 500 lbs. \$4.00 Ton. 15.00
Lime, Marblehead Hydrated	50 lbs. \$1.00; 500 lbs. 6.50
Animal Manure, Rich Sheep or Cow Manure, Per Truck Load..	2.50
Black Dirt, Pure Black Earth, Per Truck Load	2.00

INSECTICIDES

Acme, All Around Spray	1/4 lb. Pkg. .35
Lime Sulphur	1 lb. Pkg. 35c; 5 lbs. \$1.45; 10 lbs. 2.25
Arsenate of Lead	1 lb. Pkg. 30; 4. lbs. .65
Paris Green	1/4 lb. Pkg. 15c; 1 lb. 50c; 5 lbs. 2.25
Nicotine Sulphate (Back Leaf 40).....	1 oz. 35c; 5.oz. 1.00
Evergreen, for insects	1 oz. bottle 35c; 6 oz. 1.00
Tobacco Dust Fertilizer and Insecticide.....	10 lbs. 50c; 100 lbs 4.00
Shep's Spray for Insects..1/2 oz. bottles	10c; 1/2 oz. 25c; 1/2 pint .75
Garden Guard, "Guard the Garden"	Per can 25c; 5 lbs. .90
Dogzoff, Spray for Evergreens, and fruit trees, in Bottles each	.60
Sure Death, Kills moles	tubes 10c each, 3 tubes .25

DISINFECTANTS

Semesan Jr. (Corn)	4 oz. 35c; 1 lb. \$1.00; 5 lbs. 4.75
Semesan Bel (Potatoes)	4 oz. 50c; 1 lb. \$1.65; 5 lbs. 5.00
Ceresan (Grains)	8 oz. tin 50c; 1 lb. 75c; 5 lbs. 3.00

POULTRY FOODS

	10 lbs.	50 lbs.	100 lbs.
Starter for baby chick	\$0.35	\$1.60	\$3.00
Eureka for older chicks .....	.35	1.60	3.00
Acme scratch food .....	.35	1.60	3.00

	10 lbs.	50 lbs.	100 lbs.
Oyster Shells, Egg shell producers.....	\$0.25	\$0.65	\$1.00
Mica Grit (chicken teeth) .....	.25	.60	1.00

WAYNE'S POULTRY FOOD

Price per 25 lbs. 50 lbs. 100 lbs.

Wayne's Chick Starter	On Application
Wayne's Growing Mash.....	" "
Wayne's Egg Breeder	" "
Bar-Be-Kubes, dog food	3 lbs. 25c; 10 lbs .75

BLATCHFORD'S CALF MEAL

25 lb. bag	\$1.25
100 lb. bag	4.75

BIRD SEED

	1 lb.	10 lb.	100 lbs.
Canary Seed, best bird food	\$0.10	\$1.00	\$9.00
Hemp Seed .....	.10	1.00	9.00
Rape Seed .....	.10	1.00	9.00
Mixed, All kinds mixed proportionately .....	.10	1.00	9.00
Sunflower Seed .....	.10	1.00	9.00



E-Z FILL SPRAYER. Made of heavy galvanized steel. Sprays at any angle, especially underneath the leaves and low growing plants. Sturdy-boy.

E-Z Fill No. 140, 3¾ gal. tank, \$4.50 ea.

E-Z Fill No. 135, 3½ gal. tank, \$3.50 ea.

Hanley's Handy Plant Setter

This planter sets Tomatoes, Onion Sets, Strawberries, Potatoes, Corn, Cabbage, Brussels Sprouts Broccoli, Peppers, etc. Eight thousand plants is but an average day's work with Hanley's Handy Plant Setter. Price \$7.50 ea.

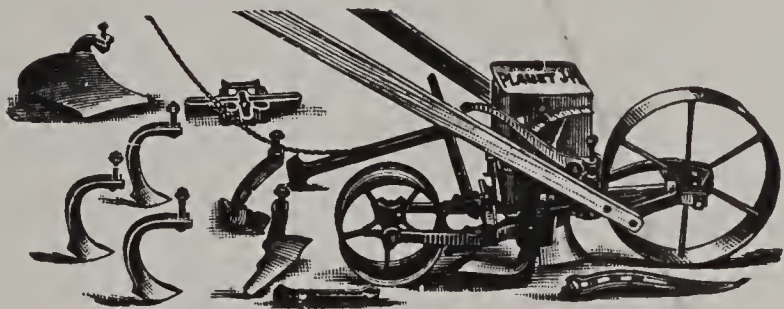


Hudson Long Stroke Liquid Sprayer.

Price 50 cents each.

Hotkaps are cheap insurance, easy to set over the young plant with the setter. 50c each.

Price: Per doz. 25c; per 100, \$1.50; per 1,000, \$9.00.



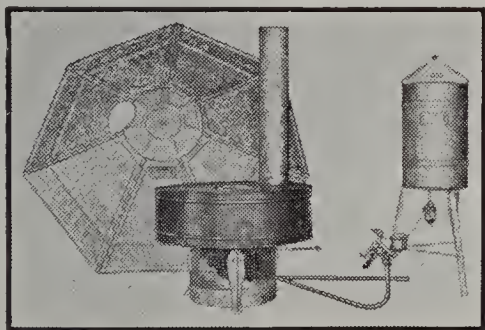
MAGIC HANDY WEEDER

Handiest Tool on earth, each 15c.

PLANET JR. No. 4D—Complete PLANET, JR. DRILL SEEDERS

No. 25—Combined Hill and Drill Seeder. Double Wheel Hoe, Cultivator and Plow, \$20.00.

No. 4D—Combined Hill and Drill Seeder. Seeder only, \$12.00, complete, \$16.00.



CHIEF SUPER-HEAT BROODER STOVE — No. C-4. Drum size 26 inch, Canopy Size 45 inch, Capacity 500 Chicks. Price \$16.65

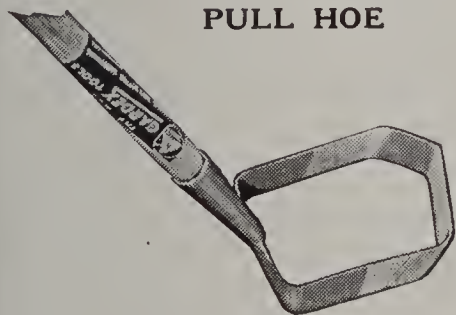
HAND CULTIVATOR



This three-prong cultivator is an easy tool to operate, High Carbon Steel. Tines penetrate any soil with ease.

No. 150-3, 4½ ft. handle.....75c each

PULL HOE



With an easy pull sharp V-shaped Blade bites the ground as you walk along, the soil flows under the side guards.

No. 1004—4" wide 4½' handle 95c ea.

NEPONSET PAPER POTS

2½ in. size, 75c per 100; \$6.00 per 1,000. 3 in. size, \$1.00 per 100; \$7.50 per 1,000. Plant Boxes 10c doz. with box.



TURF EDGER

Now you can edge your lawn, flower beds or borders as fast as walking.

No. 400 4½ ft. handle\$1.15 ea.

The Michael Seed Store

316 Pearl St.

SIOUX CITY, IOWA

Phone 88666

BRIGHTEST PEARL ON PEARL STREET



GARDEN BOOKS

How Plants Get Names,
200 pages, \$2.25 postpaid
Perennial Gardens,
92 pages, \$1.25 postpaid
Garden Notebook,
217 pages, \$1.60 postpaid
How to Grow Perennials,
96 pages, \$1.10 postpaid
Rock Garden,
230 pages, \$1.60 postpaid
The Lawn, \$1.25 postpaid



MASTODON
EVERBEARING
STRAWBERRY
PLANTS

STRAWBERRY PLANTS—Everbearing

	25	100	1000
Mastodon, Home Grown	\$0.25	\$1.00	\$ 9.00
Mastodon, Originator's Stock .....	.50	2.25	10.00

JUNE BEARING

Warfield and Blackemore .....	.25	.75	5.00
Dunlap .....	.25	.75	5.00